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3753

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: W. Helms et al.) EXAMINER: T. Walberg
SERIAL NO.: 10/520,703) ART UNIT: 3753
FILING DATE: October 31, 2003) DATE: January 17, 2006
FOR: HEAT EXCHANGER)

**THIRD-PARTY SUBMISSION UNDER 37 CFR § 1.99
IN PUBLISHED PATENT APPLICATION SERIAL NO. 10/520,703**

Mail Stop
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

BEST AVAILABLE COPY

Dear Sir:

The foregoing is a third party prior art submission under 37 CFR § 1.99 in connection with pending patent application serial no. 10/520,703, entitled HEAT EXCHANGER, which was published on November 17, 2005.

It is believed that radiator nos. 43 2020 GM (p.205), 43 2373 FORD (p.218), 43 2192 FORD (p.210), 43 3891 FORD (p.258), 43 2183 FORD (p.209), in the 2001 Ready Rad radiators/Ready Aire heater cores, Catalog No. 401, published 2001 by Go/Dan Industries, are relevant to patent application serial no. 10/520,703. Copies of the relevant pages of this catalog are enclosed, along with copies of the engineering drawings showing the construction of the heat exchanger headers incorporated into the radiators depicted in the catalog and sold in 2001. As such, it is requested that the United States Patent & Trademark Office enter this third party submission into the above patent application file,

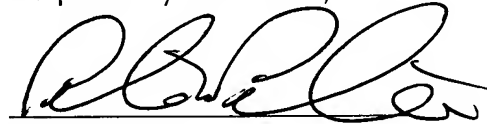
Approved
06/06/06
JH

and the Examiner consider the enclosed documents when determining patentability of the claims of pending published patent application serial no. 10/520,703.

This third party prior art submission is being timely submitted within the two (2) month deadline, i.e., January 17, 2006, from the publication date of November 17, 2005, is accompanied by the appropriate fee of \$180.00, and has been served on applicant's attorney/agent, FOLEY AND LARDNER, located at Suite 500, 3000 K Street NW, Washington, D.C. 20007, in accordance with 37 C.F.R. 1.248.

The Commissioner is hereby authorized to credit or debit our deposit account number 04-0566 for any over or under payments.

Respectfully submitted,

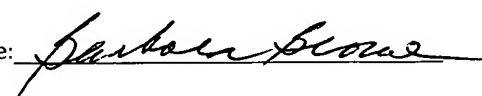


Peter Peterson
Reg. No. 31,867

DeLIO & PETERSON, LLC
121 Whitney Avenue
New Haven, CT 06510-1241
(203) 787-0595
pro1531_3rd_pty_sub

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Name: Barbara Browne Date: January 17, 2006 Signature: 

**CERTIFICATE OF SERVICE**

This hereby certifies that the foregoing THIRD PARTY SUBMISSION UNDER 37 CFR § 1.99 IN PUBLISHED PATENT APPLICATION SERIAL NO. 10/520,703 was mailed this 17th day of January 2006, in a securely sealed envelope, by first class mail, postage prepaid to:

FOLEY AND LARDNER
Suite 500
3000 K Street NW
Washington, D.C. 20007

By: _____


Peter W. Peterson

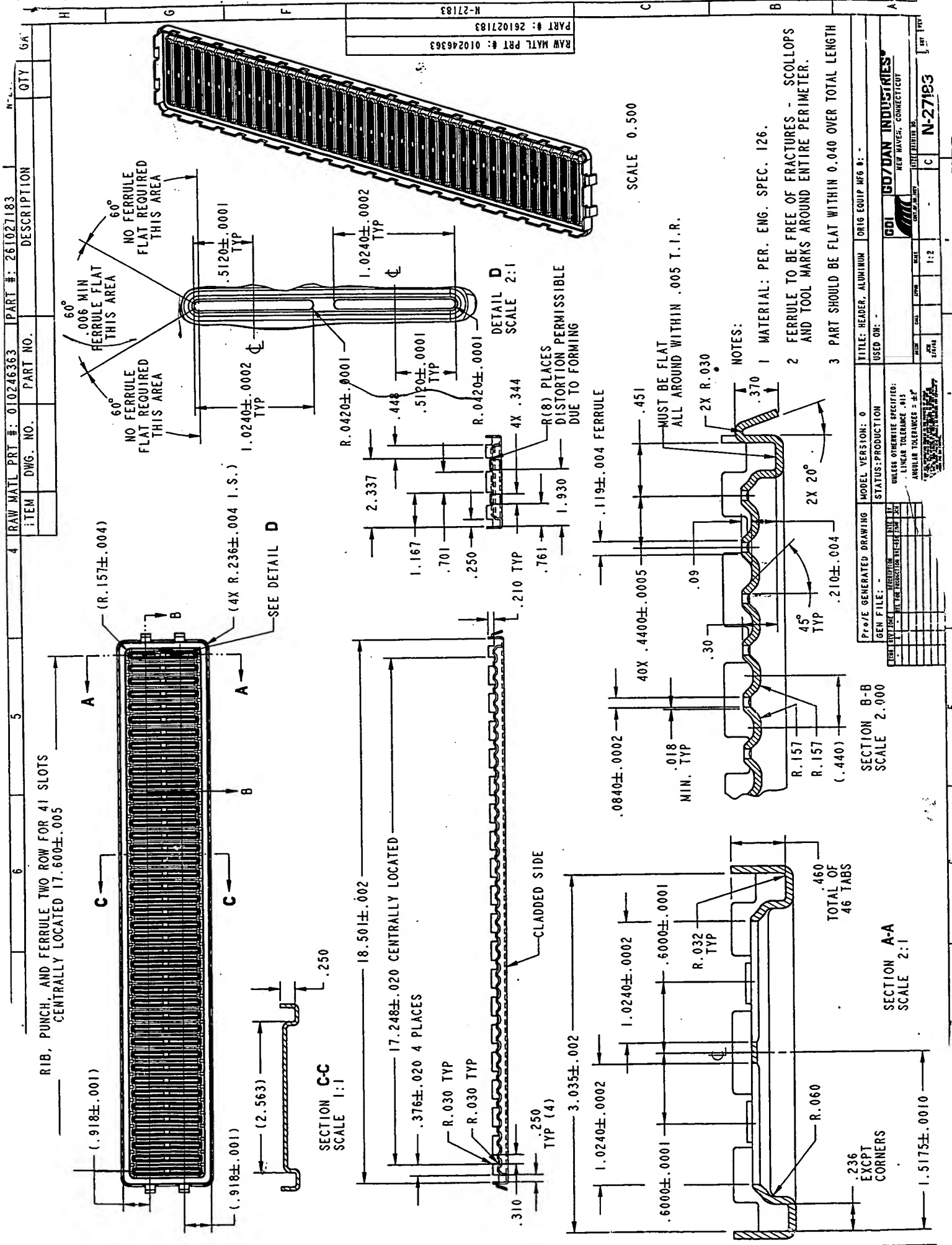


ENGINEERING DRAWING

N - 27183

HEADER Used in

RADIATOR 43 2183 FORD



RAW MATL PRT #: 010246363	PART #: 261027183	DESCRIPTION	QTY	GA
ITEM	DWG. NO.	PART NO.		

6	5	4	3	2	1	0
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RIB, PUNCH, AND FERRULE TWO ROW FOR 41 SLOTS					
CENTRALLY LOCATED 17.600±.005					

TITLE: HEADER, ALUMINUM					
ORIG EQUIP MFG #:					

MODEL VERSION: 0					
STATUS: PRODUCTION					

GEN FILE:					
UNLESS OTHERWISE SPECIFIED:					

ANGULAR TOLERANCES ± 1°					
LINEAR TOLERANCES ± .01					

SECTION A-A					
SCALE 2:1					

SECTION B-B					
SCALE 2.000					

SECTION C-C					
SCALE 1:1					

DETAIL D					
SCALE 2:1					

MATERIAL: PER. ENG. SPEC. 126.					
FERRULE TO BE FREE OF FRACTURES - SCOLLOPS AND TOOL MARKS AROUND ENTIRE PERIMETER.					

PART SHOULD BE FLAT WITHIN 0.040 OVER TOTAL LENGTH					
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GO/DAN INDUSTRIES					
NEW HAVEN, CONNECTICUT					

N-27183					
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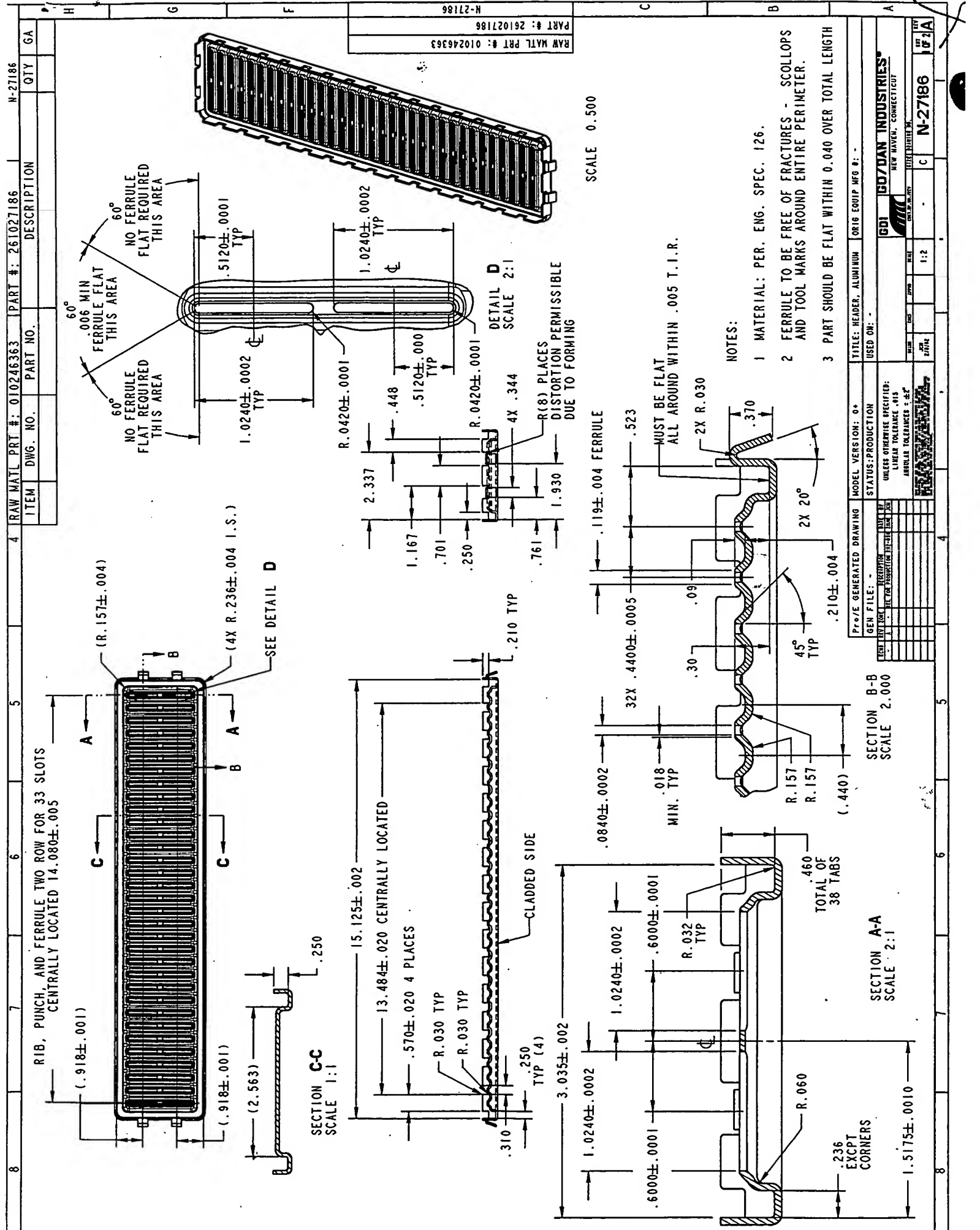


ENGINEERING DRAWING

N - 27186

HEADER Used in

RADIATOR 43 3891 FORD



ENGINEERING DRAWING

N - 27187

HEADER Used in

RADIATOR 43 2192 FORD

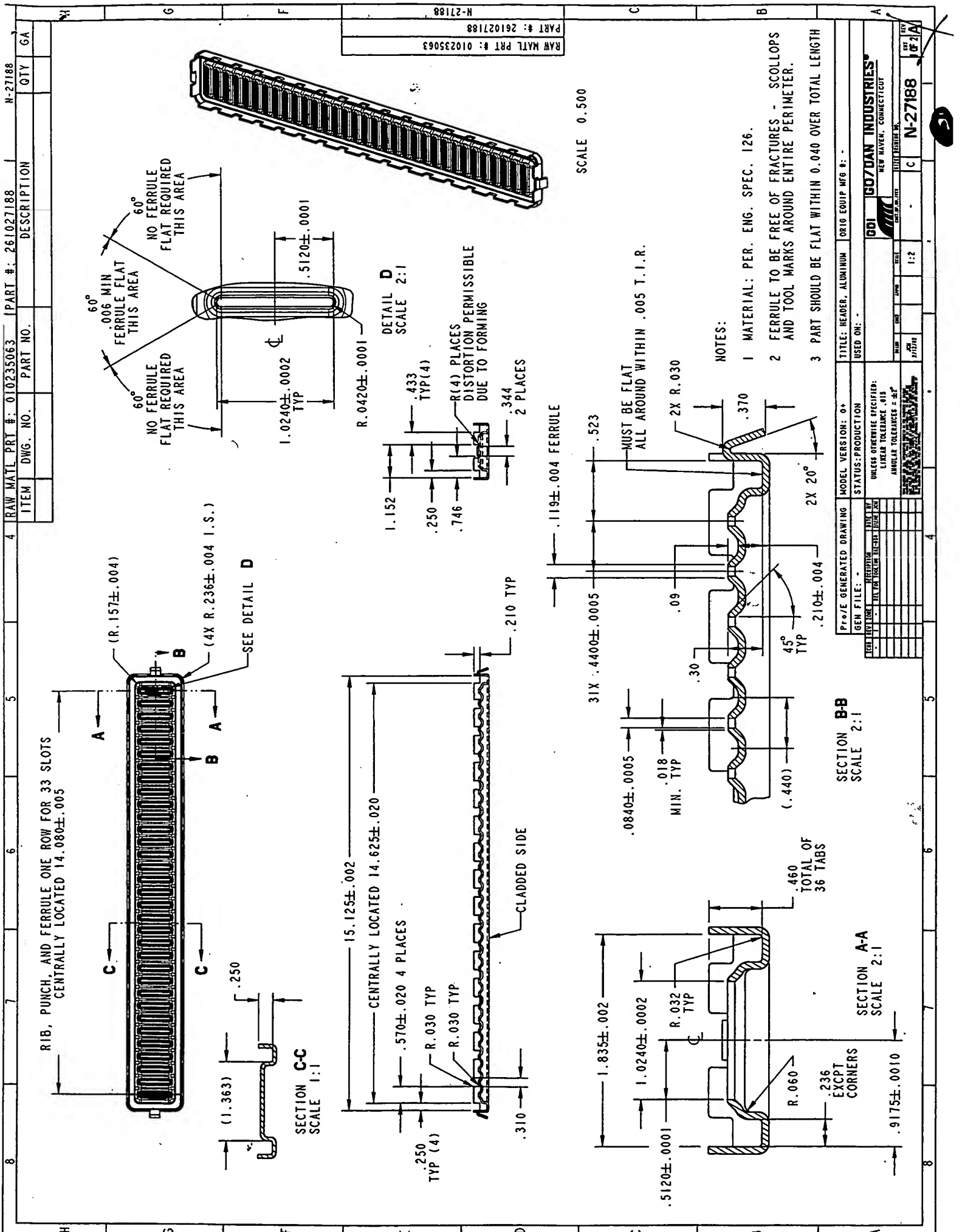


ENGINEERING DRAWING

N - 27188

HEADER Used in

RADIATOR 43 2192 FORD



ITEM	DWG. NO.	PART NO.	DESCRIPTION	QTY	GA
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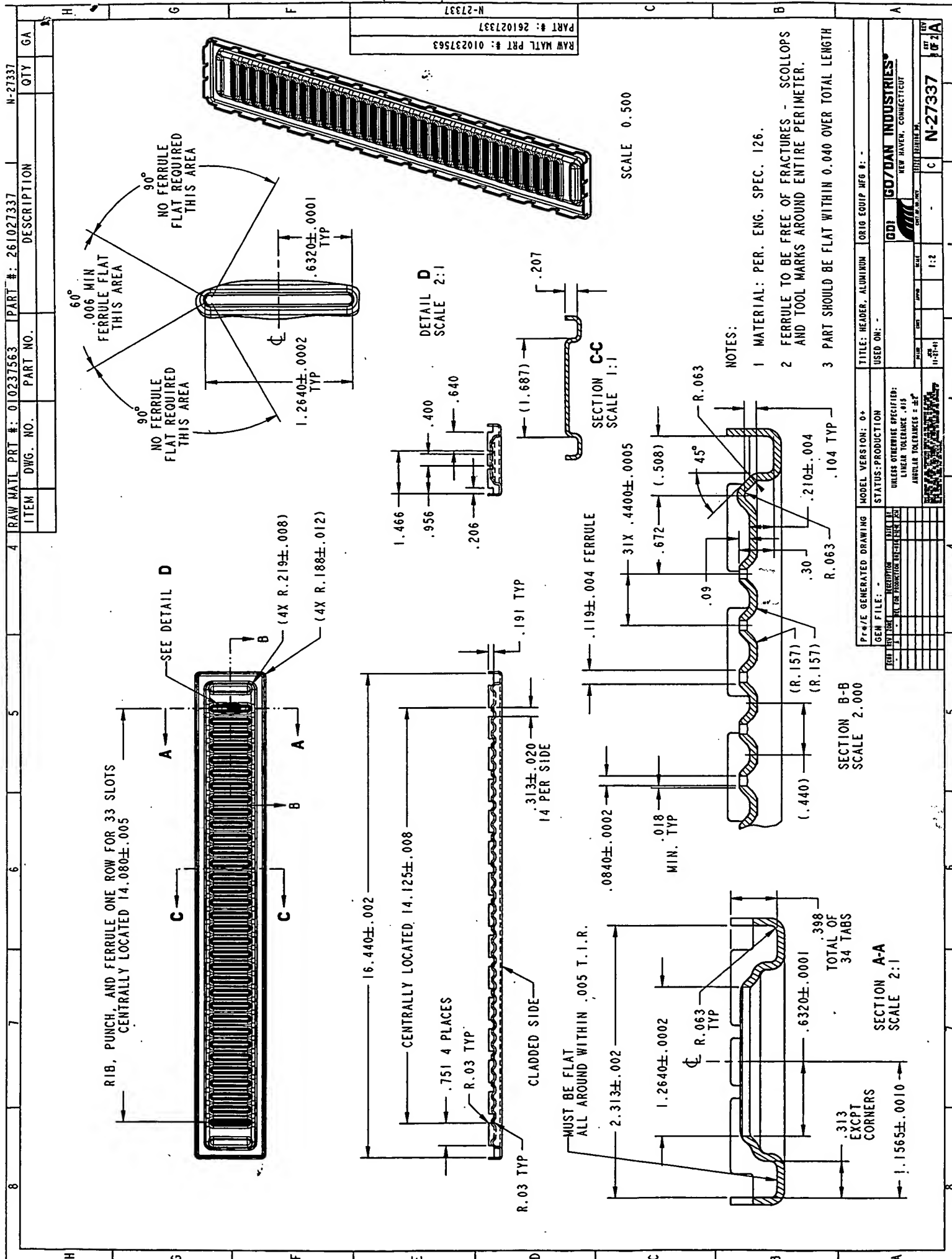


ENGINEERING DRAWING

N - 27337

HEADER Used in

RADIATOR 43 2020 GM



ITEM	DWG. NO.	PART NO.	DESCRIPTION	QTY	GA
4	RAW MATL PRT # 010237563	PART # 261027337			

RAW MATL PRT # 010237563	PART # 261027337	N-27337
DETAIL D SCALE 2:1		
SECTION C-C SCALE 1:1		
SECTION B-B SCALE 2:000		
SECTION A-A SCALE 2:1		
NOTES: 1 MATERIAL: PER. ENG. SPEC. 126. 2 FERRULE TO BE FREE OF FRACTURES - SCOLLOPS AND TOOL MARKS AROUND ENTIRE PERIMETER. 3 PART SHOULD BE FLAT WITHIN 0.040 OVER TOTAL LENGTH		
TITLE: HEADER, ALUMINUM ORIS EQUIP MFG #:		
USED ON:		
GEN FILE:		
MODEL VERSION: 0+		
STATUS: PRODUCTION		
UNLESS OTHERWISE SPECIFIED: LINEAR TOLERANCES ±.015 ANGULAR TOLERANCES ±.5°		
REVISIONS		
DATE		
BY		
CHKD		
APPD		
SCALE		
UNIT		
PART NO. N-27337		
REV		
1		

90

ENGINEERING DRAWING

N - 27348

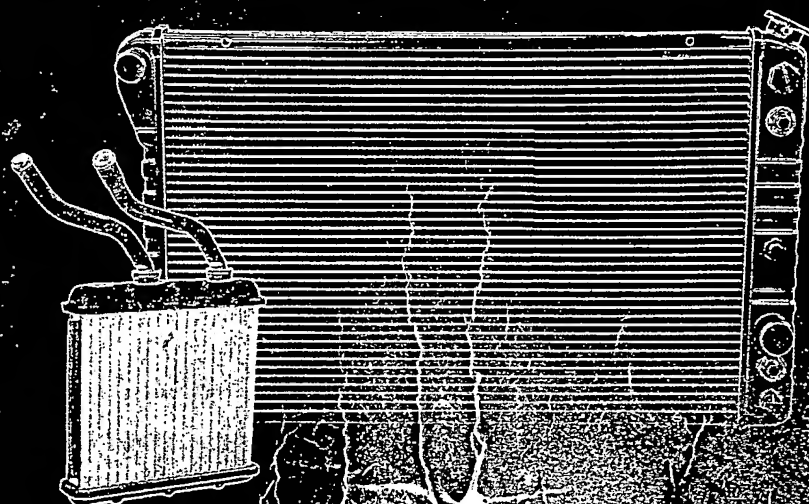
HEADER Used in

RADIATOR 43 2373 FORD

Ready•Rad[®]
radiators

Ready•Aire[®]
heater cores

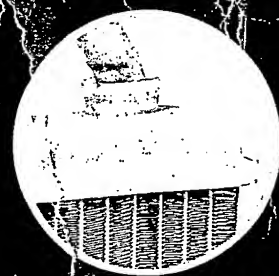
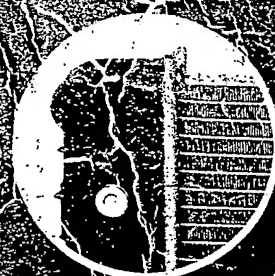
1002



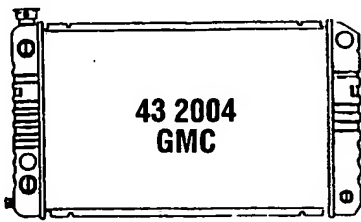
aluminum

heaters

radiators

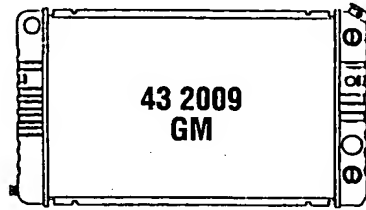


RADIATOR ILLUSTRATIONS & SPECIFICATIONS



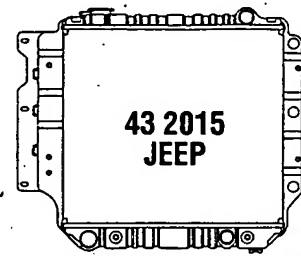
**43 2004
GMC**

Core Size: 23% x 15% x 1 1 Row
 Tank Sizes: Inlet 2% x 16%
 Outlet 2% x 16%
 Hose Fittings: Inlet 1% Dia. Top Right
 Outlet 1% Dia. Bot. Left
 Type Mount: C Oil Cooler 11%
 Eng. & Trans.
 Construction: Plastic tanks/Aluminum core



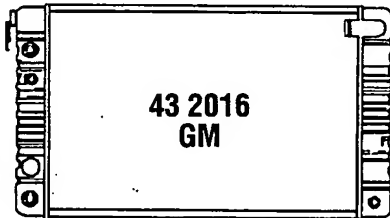
**43 2009
GM**

Core Size: 23% x 15% x 1 1 Row
 Tank Sizes: Inlet 2% x 16%
 Outlet 2% x 16%
 Hose Fittings: Inlet 1% Dia. Top Right
 Outlet 1% Dia. Bot. Left
 Type Mount: C Oil Cooler 11%
 Construction: Plastic tanks/Aluminum core
 Comments: HRL Connection on RH Tank



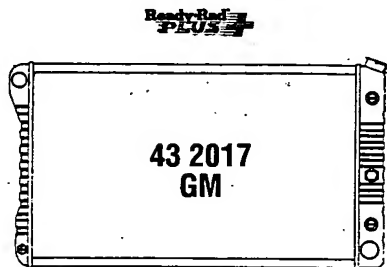
**43 2015
JEEP**

Core Size: 18 x 20 x 1% 2 Row
 Tank Sizes: Inlet 2% x 20
 Outlet 2% x 20
 Hose Fittings: Inlet 1% Dia. Top Right
 Outlet 1% Dia. Bot. Left
 Type Mount: FM Oil Cooler 12%
 Construction: Brass tanks/Copper-Brass core



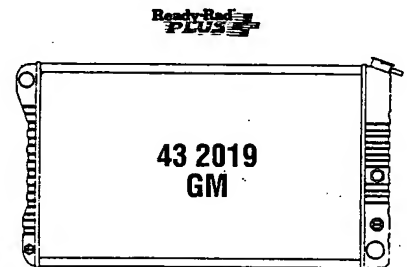
**43 2016
GM**

Core Size: 23% x 15% x 1% 3 Row
 Tank Sizes: Inlet 2% x 16%
 Outlet 2% x 16%
 Hose Fittings: Inlet 1% Dia. Top Left
 Outlet 1% Dia. Bot. Right
 Type Mount: C Oil Cooler 11%
 Construction: Brass tanks/Copper-Brass core
 Comments: Sensor Fitting on LH Tank



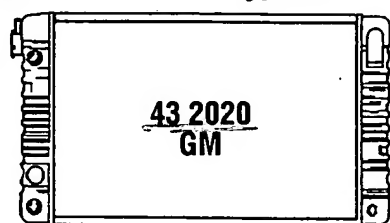
**43 2017
GM**

Core Size: 28% x 17 x 1 1 Row
 Tank Sizes: Inlet 2% x 18%
 Outlet 2% x 18%
 Hose Fittings: Inlet 1% Dia. Top Left
 Outlet 1% Dia. Bot. Right
 Type Mount: C Oil Cooler 11%
 4 Plate
 Construction: Plastic tanks/Aluminum core
 Comments: HRL & CLI w/Plugs on RH Tank



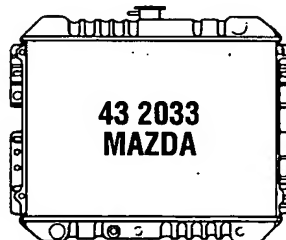
**43 2019
GM**

Core Size: 30% x 17 x 1 1 Row
 Tank Sizes: Inlet 2% x 18%
 Outlet 2% x 18%
 Hose Fittings: Inlet 1% Dia. Top Left
 Outlet 1% Dia. Bot. Right
 Type Mount: C Oil Cooler 11%
 4 Plate
 Construction: Plastic tanks/Aluminum core
 Comments: HRL & CLI w/Plugs on RH Tank



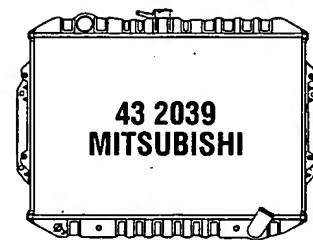
**43 2020
GM**

Core Size: 23% x 15% x 1% 3 Row
 Tank Sizes: Inlet 2% x 16%
 Outlet 2% x 16%
 Hose Fittings: Inlet 1% Dia. Top Left
 Outlet 1% Dia. Bot. Right
 Type Mount: C Oil Cooler 11%
 Construction: Brass tanks/Copper-Brass core



**43 2033
MAZDA**

Core Size: 14% x 22% x % 1 Row
 Tank Sizes: Inlet 1% x 22%
 Outlet 1% x 22%
 Hose Fittings: Inlet 1% Dia. Top Right
 Outlet 1% Dia. Bot. Left
 Type Mount: FM Oil Cooler None
 Construction: Brass tanks/Copper-Brass core
 Comments: Sensor Fitting on Bottom Tank

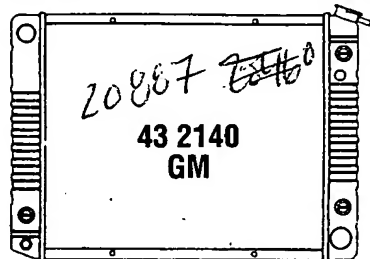


**43 2039
MITSUBISHI**

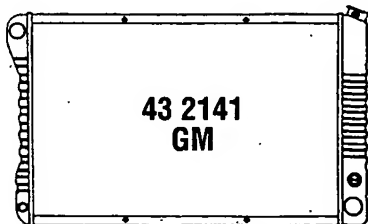
Core Size: 16% x 23% x 2 3 Row
 Tank Sizes: Inlet 2% x 23%
 Outlet 2% x 23%
 Hose Fittings: Inlet 1% Dia. Top Left
 Outlet 1% Dia. Bot. Right
 Type Mount: FM Oil Cooler 11%
 Construction: Brass tanks/Copper-Brass core

RADIATOR ILLUSTRATIONS & SPECIFICATIONS

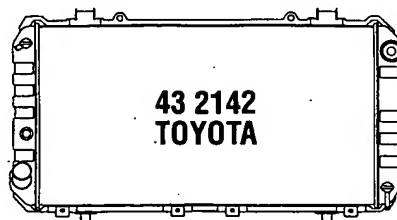
ILLUSTRATIONS
RADIATOR



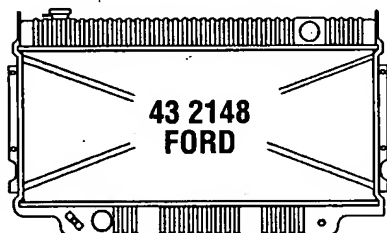
Core Size: 26 $\frac{1}{2}$ x 17 x 1 $\frac{1}{2}$ 3 Row
 Tank Sizes: Inlet 2 $\frac{1}{2}$ x 18 $\frac{1}{2}$
 Outlet 2 $\frac{1}{2}$ x 18 $\frac{1}{2}$
 Hose Fittings: Inlet 1 $\frac{1}{8}$ Dia. Top Left
 Outlet 1 $\frac{1}{8}$ Dia. Bot. Right
 Type Mount: C 2 Trans Oil Cooler 11 $\frac{1}{2}$ "
 Construction: Brass tanks/Copper-Brass core



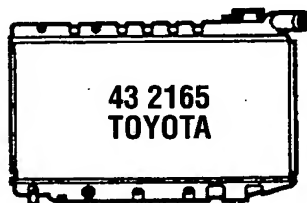
Core Size: 26 $\frac{1}{2}$ x 17 x 1 2 Row
 Tank Sizes: Inlet 2 $\frac{1}{2}$ x 18 $\frac{1}{2}$
 Outlet 2 $\frac{1}{2}$ x 18 $\frac{1}{2}$
 Hose Fittings: Inlet 1 $\frac{1}{8}$ Dia. Top Left
 Outlet 1 $\frac{1}{8}$ Dia. Bot. Right
 Type Mount: C Oil Cooler 11 $\frac{1}{2}$ "
 Construction: Brass tanks/Copper-Brass core



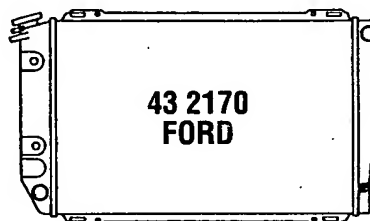
Core Size: 22 $\frac{1}{2}$ x 12 $\frac{1}{2}$ x 1 $\frac{1}{2}$ 2 Row
 Tank Sizes: Inlet 2 x 13
 Outlet 2 x 13
 Hose Fittings: Inlet 1 $\frac{1}{4}$ Dia. Top Right
 Outlet 1 $\frac{1}{4}$ Dia. Bot. Left
 Type Mount: P Oil Cooler None
 Construction: Brass tanks/Copper-Brass core
 Comments: Sensor Fitting on LH Tank



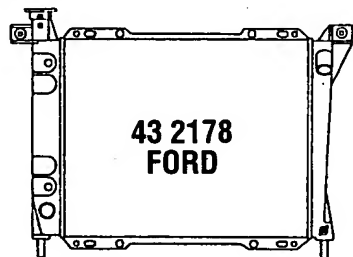
Core Size: 15 $\frac{1}{2}$ x 37 x 2 $\frac{1}{4}$ 4 Row
 Tank Sizes: Inlet 3 $\frac{1}{2}$ x 37 $\frac{1}{2}$
 Outlet 3 $\frac{1}{2}$ x 37 $\frac{1}{2}$
 Hose Fittings: Inlet 1 $\frac{1}{4}$ Dia. Top Right
 Outlet 2 Dia. Bot. Left
 Type Mount: FM Oil Cooler 12"
 Construction: Plastic tanks/Aluminum core



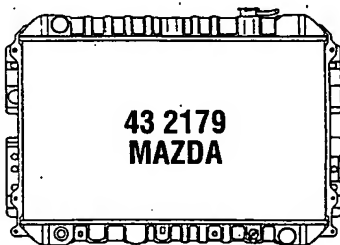
Core Size: 12 $\frac{3}{16}$ x 26 $\frac{1}{4}$ x $\frac{1}{2}$ 1 Row
 Tank Sizes: Inlet 1 $\frac{1}{4}$ x 27 $\frac{1}{4}$
 Outlet 1 $\frac{1}{4}$ x 27 $\frac{1}{4}$
 Hose Fittings: Inlet 1 $\frac{1}{4}$ Dia. Top Right
 Outlet 1 $\frac{1}{4}$ Dia. Bot. Left
 Type Mount: P Oil Cooler None
 Construction: Plastic tanks/Copper-Brass core



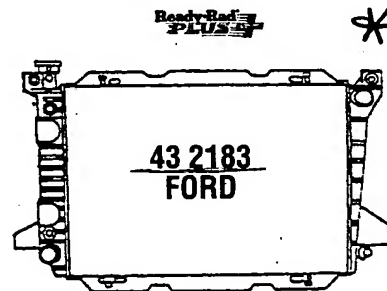
Core Size: 27 $\frac{1}{2}$ x 18 $\frac{1}{2}$ x 1 1 Row
 Tank Sizes: Inlet 1 $\frac{1}{4}$ x 18 $\frac{1}{2}$
 Outlet 3 x 18 $\frac{1}{2}$
 Hose Fittings: Inlet 1 $\frac{1}{4}$ Dia. Top Right
 Outlet 1 $\frac{1}{4}$ Dia. Bot. Left
 Type Mount: C Oil Cooler 8"
 Construction: Plastic tanks/Aluminum core



Core Size: 22 $\frac{1}{2}$ x 18 $\frac{1}{2}$ x 2 $\frac{1}{4}$ 2 Row
 Tank Sizes: Inlet 3 x 18 $\frac{1}{2}$
 Outlet 3 x 18 $\frac{1}{2}$
 Hose Fittings: Inlet 1 $\frac{1}{8}$ Dia. Top Right
 Outlet 1 $\frac{1}{8}$ Dia. Bot. Left
 Type Mount: C Oil Cooler 12"
 Construction: Plastic tanks/Aluminum core



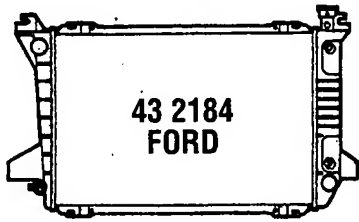
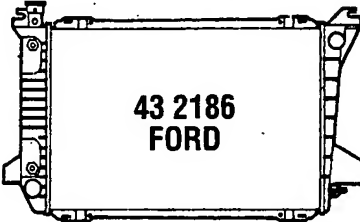
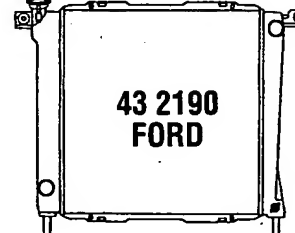
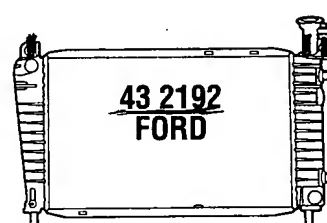
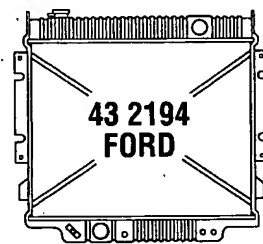
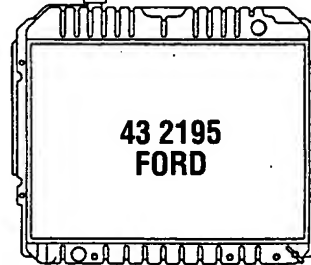
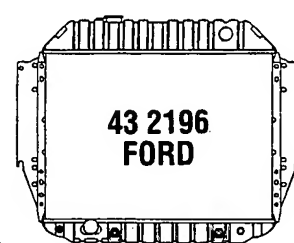
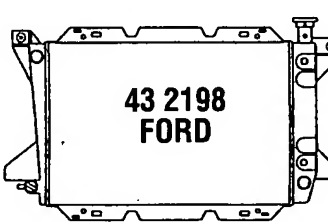
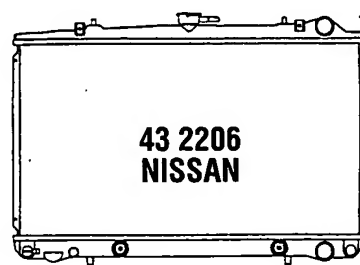
Core Size: 14 $\frac{1}{2}$ x 23 $\frac{1}{2}$ x 1 $\frac{1}{4}$ 2 Row
 Tank Sizes: Inlet 1 $\frac{1}{4}$ x 23 $\frac{1}{2}$
 Outlet 1 $\frac{1}{4}$ x 23 $\frac{1}{2}$
 Hose Fittings: Inlet 1 $\frac{1}{8}$ Dia. Top Left
 Outlet 1 $\frac{1}{8}$ Dia. Bot. Right
 Type Mount: FM Oil Cooler 10"
 Construction: Brass tanks/Copper-Brass core
 Comments: Sensor Fitting on Bottom Tank



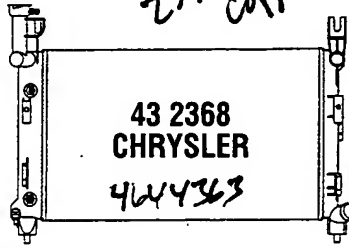
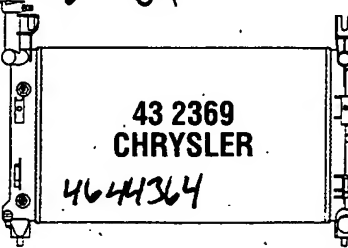
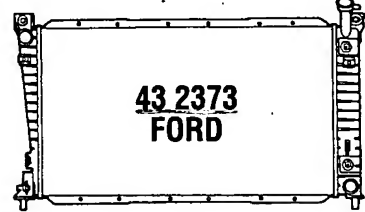
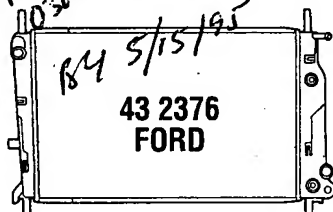
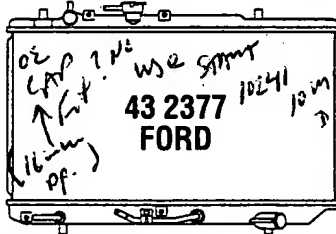

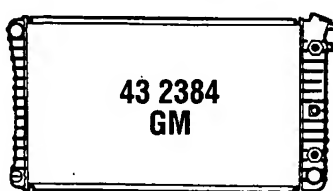
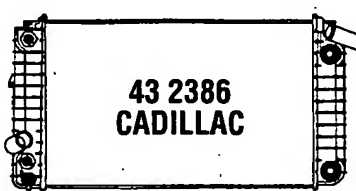

Core Size: 27 $\frac{1}{2}$ x 18 $\frac{1}{2}$ x 2 2 Row
 Tank Sizes: Inlet 3 x 18 $\frac{1}{2}$
 Outlet 3 x 18 $\frac{1}{2}$
 Hose Fittings: Inlet 1 $\frac{1}{4}$ Dia. Top Right
 Outlet 1 $\frac{1}{4}$ Dia. Bot. Left
 Type Mount: FM Oil Cooler 12"
 Construction: Plastic tanks/Aluminum core

4 row model available
 see **HEATBUSTER** model 43 6009

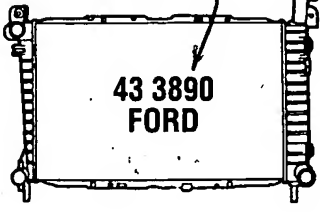
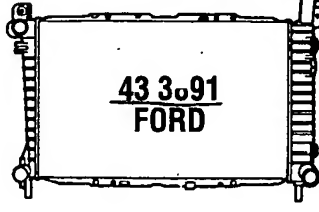
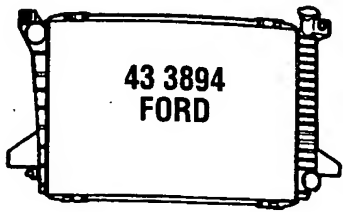
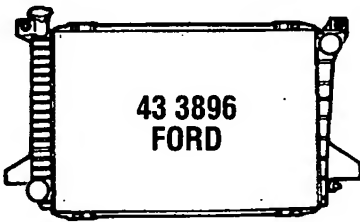
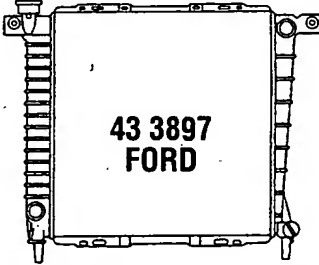
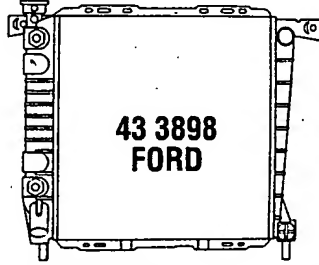
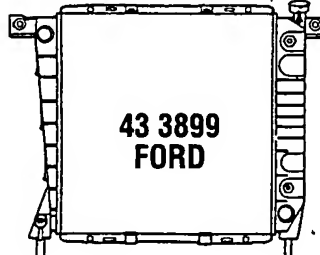
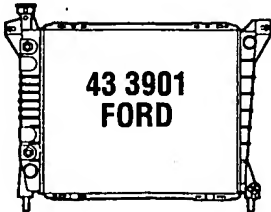

RADIATOR ILLUSTRATIONS & SPECIFICATIONS

 <p style="text-align: center;">43 2184 FORD</p> <p>Core Size: 27$\frac{1}{2}$ x 18$\frac{1}{2}$ x 1$\frac{1}{4}$ 1 Row Tank Sizes: Inlet 1$\frac{1}{2}$ x 18$\frac{1}{2}$ Outlet 3 x 18$\frac{1}{2}$ Hose Fittings: Inlet 1$\frac{1}{2}$ Dia. Top Left Outlet 1$\frac{1}{2}$ Dia. Bot. Right Type Mount: C Oil Cooler 12" Construction: Plastic tanks/Aluminum core</p>	 <p style="text-align: center;">43 2186 FORD</p> <p>Core Size: 27$\frac{1}{2}$ x 18$\frac{1}{2}$ x 1$\frac{1}{4}$ 1 Row Tank Sizes: Inlet 1$\frac{1}{2}$ x 18$\frac{1}{2}$ Outlet 3 x 18$\frac{1}{2}$ Hose Fittings: Inlet 1$\frac{1}{2}$ Dia. Top Right Outlet 1$\frac{1}{2}$ Dia. Bot. Left Type Mount: C Oil Cooler 12" Construction: Plastic tanks/Aluminum core</p>	 <p style="text-align: center;">43 2190 FORD</p> <p>Core Size: 18 x 18$\frac{1}{2}$ x 1 1 Row Tank Sizes: Inlet 1$\frac{1}{2}$ x 18$\frac{1}{2}$ Outlet 1$\frac{1}{2}$ x 18$\frac{1}{2}$ Hose Fittings: Inlet 1$\frac{1}{2}$ Dia. Top Right Outlet 1$\frac{1}{2}$ Dia. Bot. Left Type Mount: C Oil Cooler None Construction: Plastic tanks/Aluminum core</p>
 <p style="text-align: center;">43 2192 FORD</p> <p>Core Size: 24 x 14$\frac{1}{2}$ x 1 1 Row Tank Sizes: Inlet 1$\frac{1}{2}$ x 15 Outlet 3 x 15 Hose Fittings: Inlet 1$\frac{1}{2}$ Dia. Top Left Outlet 1$\frac{1}{2}$ Dia. Bot. Right Type Mount: Pin Oil Cooler 10" Construction: Plastic tanks/Aluminum core <i>See kit for 3590 applic.</i></p>	 <p style="text-align: center;">43 2194 FORD</p> <p>Core Size: 23$\frac{1}{2}$ x 30$\frac{1}{2}$ x 2$\frac{1}{4}$ 4 Row Tank Sizes: Inlet 3$\frac{1}{2}$ x 31 Outlet 3$\frac{1}{2}$ x 31 Hose Fittings: Inlet 1$\frac{1}{2}$ Dia. Top Right Outlet 2 Dia. Bot. Left Type Mount: FM Oil Cooler 12" Construction: Brass tanks/Copper-Brass core</p>	 <p style="text-align: center;">43 2195 FORD</p> <p>Core Size: 21 x 30$\frac{1}{2}$ x 1$\frac{1}{4}$ 3 Row Tank Sizes: Inlet 3 x 30$\frac{1}{2}$ Outlet 3 x 30$\frac{1}{2}$ Hose Fittings: Inlet 1$\frac{1}{2}$ Dia. Top Right Outlet 1$\frac{1}{2}$ Dia. Bot. Left Type Mount: FM Oil Cooler 12" Construction: Brass tanks/Copper-Brass core</p>
 <p style="text-align: center;">43 2196 FORD</p> <p>Core Size: 19$\frac{1}{2}$ x 26$\frac{1}{2}$ x 2 3 Row Tank Sizes: Inlet 3 x 26$\frac{1}{2}$ Outlet 3 x 26$\frac{1}{2}$ Hose Fittings: Inlet 1$\frac{1}{2}$ Dia. Top Right Outlet 1$\frac{1}{2}$ Dia. Bot. Left Type Mount: FM Oil Cooler 12" Construction: Brass tanks/Copper-Brass core Comments: w/TOC Adapt., Sensor Fit. w/Plug Bot.</p>	 <p style="text-align: center;">43 2198 FORD</p> <p>Core Size: 27$\frac{1}{2}$ x 18 x 2$\frac{1}{4}$ 2 Row Tank Sizes: Inlet 3 x 18$\frac{1}{2}$ Outlet 3 x 18$\frac{1}{2}$ Hose Fittings: Inlet 1$\frac{1}{2}$ Dia. Top Left Outlet 1$\frac{1}{2}$ Dia. Bot. Right Type Mount: FR Oil Cooler 12" Construction: Plastic tanks/Aluminum core</p>	 <p style="text-align: center;">43 2206 NISSAN</p> <p>Core Size: 14$\frac{1}{2}$ x 25$\frac{1}{2}$ x $\frac{3}{4}$ 1 Row Tank Sizes: Inlet 1$\frac{1}{2}$ x 26$\frac{1}{2}$ Outlet 1$\frac{1}{2}$ x 26$\frac{1}{2}$ Hose Fittings: Inlet 1$\frac{1}{2}$ Dia. Top Right Outlet 1$\frac{1}{2}$ Dia. Bot. Left Type Mount: Pin Oil Cooler 11$\frac{1}{2}$" Construction: Brass tanks/Copper-Brass core</p>

RADIATOR ILLUSTRATIONS & SPECIFICATIONS

<p><i>2370 call for unit</i></p>  <p>43 2368 CHRYSLER <i>4644363</i></p> <p>Core Size: 25 1/4 x 15 1/2 x 1 1/8 2 Row Tank Sizes: Inlet 2 1/2 x 15% Outlet 2 1/2 x 15% Hose Fittings: Inlet 1 1/4 Dia. Top Right Outlet 1 1/4 Dia. Bot. Right Type Mount: CF/P Oil Cooler 10" Construction: Plastic tanks/Aluminum Core</p>	<p><i>2376 call for unit</i></p>  <p>43 2369 CHRYSLER <i>4644364</i></p> <p>Core Size: 25 1/4 x 15 1/2 x 1 1/8 2 Row Tank Sizes: Inlet 2 1/2 x 15% Outlet 2 1/2 x 15% Hose Fittings: Inlet 1 1/4 Top Right Outlet 1 1/4 Bot. Right Type Mount: CF/P Oil Cooler 10" Construction: Plastic tanks/Aluminum Core</p>	<p><i>*</i></p>  <p>43 2373 FORD</p> <p>Core Size: 30 x 17 x 1 1 Row Tank Sizes: Inlet 2 x 17% Outlet 2 x 17% Hose Fittings: Inlet 1 1/4 Dia. Top Left Outlet 1 1/4 Dia. Bot. Right Type Mount: FM/P Oil Cooler 12" Construction: Plastic tanks/Aluminum core</p>
<p><i>need to check XS 2277A to 31FA 1030AB</i></p>  <p>43 2376 FORD</p> <p>Core Size: 24 x 15 x 1 1 Row Tank Sizes: Inlet 2 x 16 Outlet 3 x 16 Hose Fittings: Inlet 1 1/4 Dia. Top Left Outlet 1 1/4 Dia. Bot. Right Type Mount: P Oil Cooler 12" Construction: Plastic tanks/Aluminum core</p>	<p>NEW AVAILABLE</p>  <p>43 2377 FORD</p> <p>Core Size: 13 1/4 x 25 x 1 1/8 1 Row Tank Sizes: Inlet 1 1/8 x 26% Outlet 2 x 26% Hose Fittings: Inlet 1 1/4 Dia. Top Left Outlet 1 1/4 Dia. Bot. Right Type Mount: P Oil Cooler 10 1/2" Construction: Plastic tanks/Aluminum Core</p>	<p>NEW check for availability</p>  <p>43 2381 GM</p> <p>Core Size: 34 x 18 1/2 x 2 1/4 4 Row Tank Sizes: Inlet 3 1/4 x 20% Outlet 3 1/4 x 20% Hose Fittings: Inlet 1 1/8 Dia. Top Left Outlet 1 1/8 Dia. Bot. Right Type Mount: C Eng/Trans Cooler 8 1/2" Construction: Brass tanks/Copper-Brass core</p>
<p><i>need to check P: TCD?</i></p>  <p>43 2384 GM</p> <p>Core Size: 30 1/2 x 17 x 1 1/8 1 Row Tank Sizes: Inlet 2 1/2 x 18% Outlet 2 1/2 x 18% Hose Fittings: Inlet 1 1/8 Dia. Top Left Outlet 1 1/8 Dia. Bot. Right Type Mount: C Oil Cooler 11 1/2" Construction: Plastic tanks/Aluminum core</p>	<p>NEW check for availability</p>  <p>43 2386 CADILLAC</p> <p>Core Size: 30 1/2 x 15 x 1 1/8 1 Row Tank Sizes: Inlet 2 1/2 x 16% Outlet 2 1/2 x 16% Hose Fittings: Inlet 1 1/8 Dia. Top Right Outlet 1 1/8 Dia. Bot. Left Type Mount: C Eng/Trans Cooler 11 1/2" Construction: Plastic tanks/Aluminum core</p>	<p><i>Ho only need fan ch</i></p>  <p>43 2387 GM</p> <p>Core Size: 30 1/2 x 15 x 1 1/8 1 Row Tank Sizes: Inlet 2 1/2 x 16% Outlet 2 1/2 x 16% Hose Fittings: Inlet 1 1/8 Dia. Top Left Outlet 1 1/8 Dia. Bot. Right Type Mount: C/P Oil Cooler 11 1/2" Construction: Plastic tanks/Aluminum core Comments: Sensor Fitting on RH Tank</p>

RADIATOR ILLUSTRATIONS & SPECIFICATIONS

 <p>43 3890 FORD</p> <p>Core Size: $24\frac{3}{16} \times 14\frac{1}{2} \times 1\frac{1}{4}$ 2 Row Tank Sizes: Inlet $2\frac{1}{2} \times 15\frac{1}{4}$ Outlet $2\frac{1}{2} \times 15\frac{1}{4}$ Hose Fittings: Inlet $1\frac{1}{2}$ Dia. Top Left Outlet $1\frac{1}{2}$ Dia. Bot. Right Type Mount: C Oil Cooler 10" Construction: Brass tanks/Copper-Brass core CAN USE Ready-Rad PLUS MODEL 43 2192</p>	 <p>43 3091 FORD</p> <p>Core Size: $24\frac{3}{16} \times 14\frac{1}{2} \times 2$ 2 Row Tank Sizes: Inlet $2\frac{1}{2} \times 15\frac{1}{4}$ Outlet $2\frac{1}{2} \times 15\frac{1}{4}$ Hose Fittings: Inlet $1\frac{1}{2}$ Dia. Top Left Outlet $1\frac{1}{2}$ Dia. Bot. Right Type Mount: C Oil Cooler 10" Construction: Plastic tanks/Aluminum core</p>	 <p>43 3894 FORD</p> <p>Core Size: $27\frac{7}{16} \times 18\frac{1}{2} \times 1\frac{1}{4}$ 2 Row Tank Sizes: Inlet $1\frac{1}{2} \times 18\frac{1}{2}$ Outlet $1\frac{1}{2} \times 18\frac{1}{2}$ Hose Fittings: Inlet $1\frac{1}{2}$ Dia. Top Left Outlet $1\frac{1}{2}$ Dia. Bot. Right Type Mount: FR Oil Cooler None Construction: Brass tanks/Copper-Brass core Comments: Can Use 43 2184 CAN USE Ready-Rad PLUS MODEL 43 2192</p>
 <p>43 3896 FORD</p> <p>Core Size: $27\frac{7}{16} \times 18\frac{1}{2} \times 1\frac{1}{4}$ 2 Row Tank Sizes: Inlet $1\frac{1}{2} \times 18\frac{1}{2}$ Outlet $1\frac{1}{2} \times 18\frac{1}{2}$ Hose Fittings: Inlet $1\frac{1}{2}$ Dia. Top Left Outlet $1\frac{1}{2}$ Dia. Bot. Right Type Mount: FR Oil Cooler None Construction: Brass tanks/Copper-Brass core</p>	 <p>43 3897 FORD</p> <p>Core Size: $18 \times 18\frac{1}{2} \times 1\frac{1}{4}$ 1 Row Tank Sizes: Inlet $1\frac{1}{2} \times 18\frac{1}{2}$ Outlet $1\frac{1}{2} \times 18\frac{1}{2}$ Hose Fittings: Inlet $1\frac{1}{2}$ Dia. Top Right Outlet $1\frac{1}{2}$ Dia. Bot. Left Type Mount: C Oil Cooler None Construction: Plastic tanks/Aluminum core</p>	 <p>43 3898 FORD</p> <p>Core Size: $18 \times 18\frac{1}{2} \times 1\frac{1}{4}$ 1 Row Tank Sizes: Inlet $1\frac{1}{2} \times 18\frac{1}{2}$ Outlet $1\frac{1}{2} \times 18\frac{1}{2}$ Hose Fittings: Inlet $1\frac{1}{2}$ Dia. Top Right Outlet $1\frac{1}{2}$ Dia. Bot. Left Type Mount: C Oil Cooler 12" Construction: Plastic tanks/Aluminum core Comments: w/TOC Adapters</p>
 <p>43 3899 FORD</p> <p>Core Size: $18 \times 18\frac{1}{2} \times 1\frac{1}{4}$ 2 Row Tank Sizes: Inlet $1\frac{1}{2} \times 18\frac{1}{2}$ Outlet $3 \times 18\frac{1}{2}$ Hose Fittings: Inlet $1\frac{1}{2}$ Dia. Top Left Outlet $1\frac{1}{2}$ Dia. Bot. Right Type Mount: C Oil Cooler 12" Construction: Brass tanks/Copper-Brass core</p>	 <p>43 3901 FORD</p> <p>Core Size: $22\frac{1}{2} \times 18\frac{1}{2} \times 1\frac{1}{4}$ 1 Row Tank Sizes: Inlet $2 \times 18\frac{1}{2}$ Outlet $3\frac{1}{2} \times 18\frac{1}{2}$ Hose Fittings: Inlet $1\frac{1}{2}$ Dia. Top Right Outlet $1\frac{1}{2}$ Dia. Bot. Left Type Mount: C Oil Cooler 12" Construction: Plastic tanks/Aluminum core Comments: w/TOC Adapters</p>	 <p>43 3907 GM</p> <p>Core Size: $23\frac{1}{2} \times 15\frac{1}{2} \times 1$ 1 Row Tank Sizes: Inlet $2\frac{1}{2} \times 16\frac{1}{2}$ Outlet $2\frac{1}{2} \times 16\frac{1}{2}$ Hose Fittings: Inlet $1\frac{1}{2}$ Dia. Top Left Outlet $1\frac{1}{2}$ Dia. Bot. Right Type Mount: C Oil Cooler 11" Construction: Plastic Tanks/Aluminum Core Comments: Sensor Fit. w/Plug, Push-in Adapt.</p>

2001

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